Study of a class...

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the authors study the path elements, deducing the equation of the path

$$r = \frac{1}{A_0} \left(1 - q \sin^2 \frac{Y}{2} \right) + B_0 = r_0 \left(1 - \epsilon \sin^2 \frac{Y}{2} \right). \tag{4}$$

in which γ is the angle of the rate of climb, r_o the radius of the curvature at the beginning and the end of the loop, and $\epsilon = \frac{g}{A_o r_o}$. The family of curves derived from the basic curve, cor-

responding to some values given for $A_O=\frac{1}{r_O}$ and $q=\epsilon$, may be easily traced with the B_O constant, as shown in Fig. 2. The

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equations of motion are given by

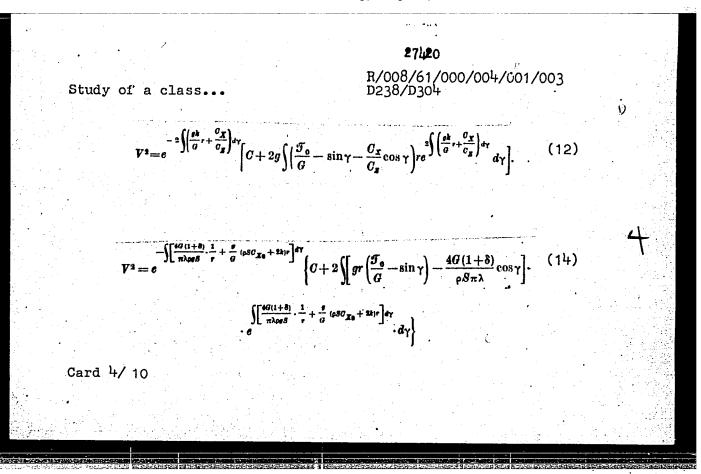
$$\frac{G}{2gr} \frac{dV^2}{d\gamma} = \Im - \frac{P}{2} SC_{\times}V^2 - G SINY,$$

(8

$$\frac{\rho}{2} SC_z V^2 = G \left(\frac{V^2}{gr} + \cos Y \right).$$

in which ℓ is the air density, S the lifting surface, C_x the drag coefficient, and C_z the lift coefficient. Considering the traction to be constant as long as the engine intake does not vary, the authors deduce for a medium angle of attack, the velocity equation (12) and for small values of the angle of attack the velocity equation (14).

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A better approximation may be obtained by introducing the value of r from Eq. (4) and neglecting $\sin \gamma$. In this case, the velocity deduced from (12) is expressed by:

$$V^{2} = Ce^{-a\gamma \gamma} + 2 gr_{0} \left(\left[\left(1 - \frac{\varepsilon}{2} \right) \frac{\mathcal{J}_{0}}{G} - \frac{\varepsilon}{4} \frac{C_{x}}{C_{x}} \right] \frac{1}{a_{c}} + \frac{1}{1 + a_{0}^{2}} \left[\left[\frac{\varepsilon}{2} \frac{\mathcal{J}_{0}}{G} - \left(1 - \frac{\varepsilon}{2} \right) \left(\frac{C_{x}}{C_{x}} + a_{0} \right) \right] \sin \gamma + \left[\frac{\varepsilon}{2} \frac{\mathcal{J}_{0}}{G} - \left(1 - \frac{\varepsilon}{2} \right) \left(\frac{C_{x}}{C_{x}} a_{0} - 1 \right) \right] \cos \gamma \right\} - \frac{\varepsilon}{4 \left(4 + a_{0}^{2} \right)} \left[\left(a_{0} + 2 \frac{C_{x}}{C_{x}} \right) \sin 2\gamma + \left(a_{0} \frac{C_{x}}{C_{x}} - 2 \right) \cos 2\gamma \right] \right).$$

$$(16)$$

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and the velocity deduced from (14) by:

$$V^{2} = Ce^{-b\gamma \gamma} + \frac{gr_{0}}{b_{0}} \frac{\mathcal{F}_{0}}{G} (2 - \epsilon) + \frac{1}{1 + b_{0}^{2}} \left\{ gr_{0} \left[\frac{\mathcal{F}_{0}}{G} \epsilon - (2 - \epsilon) b_{0} \right] - \frac{8G(1 + \delta)}{\rho S\pi \lambda} \right\} \sin\gamma +$$

$$+ \left\{ gr_{0} \left[\left(\frac{\mathcal{F}_{0}}{G} b_{0} - 1 \right) \epsilon + 2 \right] - \frac{8G(1 + \delta)b_{0}}{\rho S\pi \lambda} \right\} \cos\gamma - gr_{0} \frac{\epsilon}{4} \frac{b_{0} \sin2\gamma - 2\cos2\gamma}{4 + b_{0}^{2}} \right\}$$

$$(19)$$

After having established the velocity, formula (8) supplies the angle of attack, and the total lift or total drag, necessary for determining the wing stress. Denoting with G_a the weight of the wing and with C_x its drag coefficient, the total wing stress may be determined by (21). The wing stress thus depends on the corresponding γ angle. Expressing F_a by (22) it can be observed that the first square of this equation is almost constant.

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$$F_{\alpha} = G \sqrt{\left[\left(\frac{V^2}{9r} + \cos\gamma\right)\frac{Cz}{Cz} + \frac{G\alpha}{G}\left(\frac{1}{29r}\frac{dV^2}{d\gamma} + \sin\gamma\right)\right]^2 + \left[\frac{V^2}{9r} + \left(1 - \frac{G\alpha}{G}\right)\cos\gamma\right]^2}$$
(21)

$$F_{a}=G\sqrt{\frac{\rho}{2G}}SV^{2}\left(c_{x}-c_{x}\frac{G_{a}}{G}\right)+\sigma_{3}^{2}\frac{G_{a}}{G^{2}}+\left[\frac{Y^{2}}{gr}+\left(1-\frac{G_{a}}{G}\right)\cos\gamma\right]^{2}$$
(22)

Thus, the maximum of F_a will approximately coincide with the maximum of the second square. The use of formulae (12) or (14), and (16) or (19), respectively, depends on the value of the angle of attack. The curve can be divided into 2 - 3 sections, onto which one may apply the polar equation or an average con-

Card 7/10

(24)

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D238/D304

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stant value of the $\frac{C_{\mathbf{X}}}{C_{\mathbf{Z}}}$ ratio, connecting the solution and de-

termining at the corresponding points the value of the constant C from the velocity expression. According to the second equation of (8), the equilibrium on the path requires that the angle of attack should have at every point a value included between the maximum values, $C_{\rm ZM}$, and the minimum values $C_{\rm ZM}$ of $C_{\rm Z}$. At every point of the path, the condition

$$\frac{e5}{2G}C_{2m} \geqslant \frac{1}{gr} + \frac{\cos r}{\sqrt{2}} \gg \frac{e5}{2g}C_{2m},$$

$$V^{2} \geqslant 0,$$

Card 8/ 10

Study of a class...

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should be satisfied. The solution of the problem depends on the parameters 7 o and k which depend on the engine intake. There exists thus an infinity of possible solutions, corresponding to different conditions of the engine, within the limits determined by (24). The authors finally present a calculation example showing that for the considered case, the variation of the lift coefficient C₂ is small, the velocities decrease appreciably within the first part of the path and the ratio C_x/C_z may be assumed as constant. There are 4 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The 2 references to the English-language publications read as follows: N. Tipei, C. Guta, "On the Motion of an Airplane on a Given Trajectory", Revue de mécanique Appliquée, III, 4, 393 - 403, 1958; and R. von Mises, "Theory of Flight", Mc. Graw-Hill, New York, 1945, 547 - 550.

SUBMITTED: April 21, 1961

Card 9/10

IONESCU. V.

"Protection against oscillation", p. 546; "issued by the Rumanian Society of Mathematics and Physics, Monthly". (GAZETA MATEMATICA SI FIZICA, SERIA A., Vol. 12, Dec. 1954, Bucuresti, Rumania).

SO: Monthly List of East European Accession, (HEAL), LC, Vol. 4, No. 5, May, 1955.

IONESCU, V.

TECHNOLOGY

Periodicals: ELECTROTEINICA. Vol. 6, no. 8, Aug; 1958

IONESCU, V. Hilbert spaces applied to the study of deforming phenomena. p. 280

Monthly List of East European Accessions (EFAI) IC, Vol. 8, No. 2, February 1959, Unclass.

IONESCU, V., ing.; BLEGU, N., ing.

Content of projects for internal organization and improvement of eroded soils. Rev geodezie 6 no.4:42-54 '62.

1. Consiliul Superior al Agriculturii (for Ionescu, Blegu).

1. Higher Council of Agriculture.		Results Rev good	obtained ezie 8	in solving no. 3:44-4	the problem 19 164.	ms of figh	iting soil ero	sion.
		l. Highe	r Council	of Agricu	ilture.			
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S/194/62/000/002/026/096 D230/D301

16.8000

Penescu, C., Ionescu, V. and Cserveny, I.

TITLE:

AUTHORS:

Design and realization of a sensitive element for

automatic frequency control

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-2-100ch (Automat. și electron., 1961, 5, no. 1, 13-21)

TEXT: A circuit diagram is presented, with an analysis and design method for a frequency changer in power networks. The changer is designed as a differential unit comprising a passive quadripole, at whose output the voltage phase varies with change of frequency, the amplitude remaining constant. It is confirmed that such circuits can be used for v.h.f. stabilization. / Abstracter's note: Complete translation. /

Card 1/1

MIHAILEANU, C., conf. img.; IONESCU, V., ing.

Equations and schemes of the dynamic condition in electric power systems designed with automatic regulating of speed and frequency. Emergetica Rum 9 mo.8:322-332 Ag '61.

LEONIDA, Dan, ing. (Bucuresti); IONESCU, Vlad, ing. (Bucuresti)

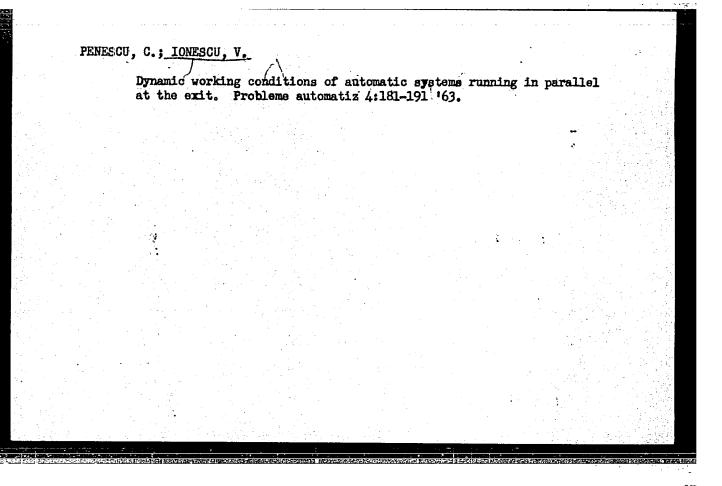
Considerations concerning the optimum repartition of load in power systems. Energetica Rum 10 no.4:148-159 Ap *62.

1. Intreprinderea pentru rationalizari si modernizari energetice.

IONESCU, Vlad, ing. (Bucuresti); LEONIDA, Dan, ing. (Bucuresti)

Considerations on the problems connected with the optimum distribution of load in power systems. II. Energetica Rum 10 no.6:243-257 Je *62.

1. Intreprinderea pentru rationalizarea si modernizarea instalatiilor energetice, Bucuresti.



IONESCU V.

FUNIANIA

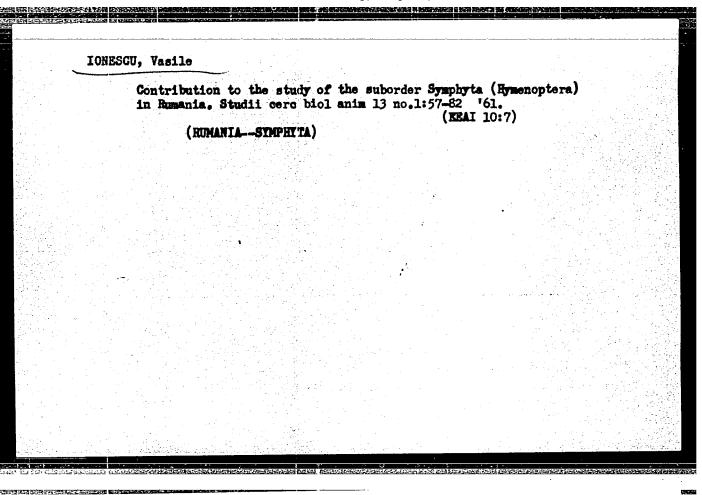
IONESCU, V.

Pharmacist

Director General of the General Directorate of Pharmacy of the Ministry of Health and Social Welfare (Directia Generala Farmacoutica din Ministorul Sometatii si Prevederilor Sociale).

Bucharest, Farmacia, No 1, Jan 63, pp 1-2.

"The Pharmacoutical Department at the Beginning of the Year."



RUMANIA

Dr S. HAROVIUC, Regional Veterinary Laboratory (Laboratorul veterinar regional) Focsani, and Dr V. IONESCU, Veterinary Sector Ciorasti (Circumscriptia veterinara) District (raionul) R. Sarat.

"Epizootiology of Spirochetosis in Hens."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 4, Apr 63; pp 79-81.

Rbstract: Outbreak in summer of 1962 in 3850-bird poultry farm, 15% perished and an additional 13% had to be slaughtered. Spirochetae were found in the peripheral blood; fecal transmission is postulated. "Spirocid", "Spirilizin" (sulfonamides or organic arsenicals?) were both effective. Graph, 5 Rumanian, 1 Soviet and 1 German reference.

1/1

ARPROVED FOR RELEASE Thursday, July 27, 2000 CIA-RDP86-00513R0005

The pH and the finishing of wool fibers. Ind text Rum 12 no.7:289-291 J1'61.

1. Intreprinderea Industriala de Stat "Libertatea", Sibiu.

746

ROMANIA/Chemical Technology - Chemical Products and Their Applications -- Pesticides.

I-7

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8828

Author

100 to Euro + + 1, 1

Inst.

: Ionoscu, V.

Title

: Advances in the Technology of the Production of BHC

Orig Pub

: Rev. chim., 1956, 7, No 4, 229-232

Abstract

: The more important methods for the production of BHC, described in the literature, are discussed together with research on the production of BHC carried out in the Romanian Peoples Republic.

Card 1/1

TEMPORTH V

RUMANIA/Chemical Technology - Chemical Broducts of The CIA-RDP86 00513R00051 Plastics.

Abs Jour

: Ref Zhur - Khimiya, No 14, 1958, 48729

Author

: I. Ionescu, V. Calcan, N. Goldenberg

Inst

Title

: Plastics Based on Furfural and Its Merivaties. IV. Effect of Thermal Treatment on Mechanical Strength of Textolite Based on Furfural Resin.

Orig Pub

: Studii si cercetari mec. apl., 1957, 8, No 1, 171-187

Abstract

: The thermal treatment of textolite (produced by impregnating cotton cloth with a resin solution of a temperature of dropping according to Ubbelode of 108 to 1100 and by pressing at 1600 and keeping it 4 min. per mm under the pressure of 100 kg per sq.cm) in a certain temperature range and duration increases the limits of compression strength (CS), of static bending strength

Card 1/2

IONESCU, V; BUDICI, G.; SERBAN, E.

Obtainment of sodium sulfate and magnesium salts by a complex utilization of gypsum, dolomite, and rock salt. Report I. p. 559.

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia) Bucuresti, Rumania, Vol. 10, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, August 1959.

Uncl.

IONESCU, Y

The herbicide 2,4-D (dichlorphenoxyacetic acid). Rev chimie Min petr 14 no.9:499-505 S '63.

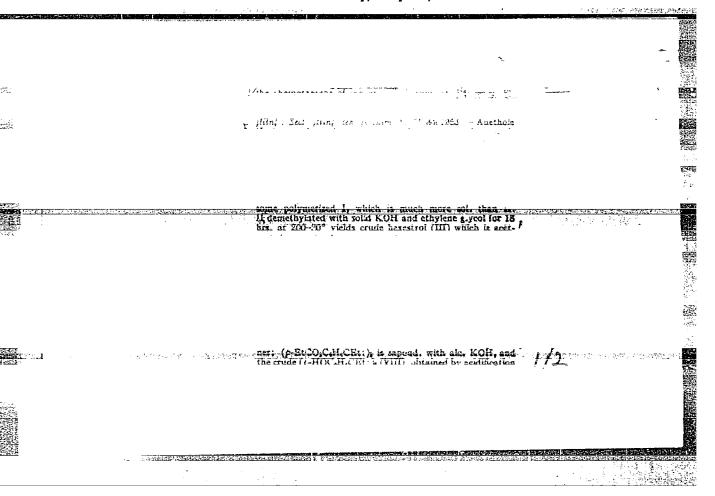
CALIN, S., conf. ing.; IONESCU, V., ing.

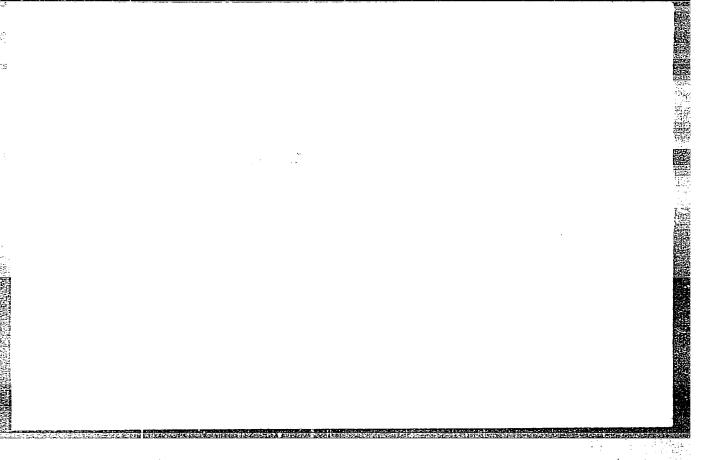
Using the method of second order equivalent system for the optium tuning of PI controllers. Automatica electronia 7 no.6:261-269 N-D:63.

IONESCU, V., ing.; RUSINGER, F.

Synthesis of optimal automatic systems. Automatica electronica 8 no.6:241-250 N-D *64.

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RUMANIA / Human and Animal Morphology (Normal and Pathological). Skeleton.

S

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12342

Author : Parhon, C.I.; Ionescu, V.

Inst :-

Title : The Influence of Progesterone on Growing Cartilage in Sexually-Immature Rats.

Orig Pub : Studii si cercetari endocrinol., 1955, 6, No. 1-2,

261-264

Abstract: In white rats, over a course of 50 days, 1 ml each of small (0.02 mg/kg) and large (1 mg/kg) doses of progesterone (1st and 2nd groups) were introduced. The weight of the animals of the 1st

group (1) increased on the average by 30.1 g, 2nd group (II) by 31.8 g, control by 40-5 g. In I there was a considerable delay in the development

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RUMANIA / Human and Animal Morphology (Normal and Pathological). Skeleton.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12342

of cartilagenous tissue: an epiphyseal plate with a thickness of 240 m (control 280 m), a small amount of little chondrocytes, between them a large amount of amorphous substance. In the formed bone, the bone trabeculas were shorter than in control animals. In II, a moderate delay in the development of cartilagenous tissue: an epiphyseal plate with a thickness of 250 m, comparatively more little chondrocytes than in I but less than in the control. Bone trabeculas were as short as in I. Thus, progesterone disrupts the normal development of bones through delaying cartilagenous tissue development (decrease of the number of chondrocytes and increase of the amount of amorphous substance) and slowing

IONESCU, V.; DUMITRESCU, D.; TOTH, R.

Application of the network method to study the motion of heavy fluids with open surfaces. p. 339. Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti. Vol. 6, no. 3/4, July/Dec. 1955

So. East European Accessions List Vol. 5, No. 9 September, 1956

TONESCU, V.

VIGIU, E.; VOICULESCU, A.; IONESCU, V.

Behavior of hemodynamic factors in hypertensive disease during the cold test. Probl. card., Bucur. 2:198-223 1956.

(HYPHTHUSION, diagnosis cold pressor test, behavior of hemodynamics)

(BIOOD PRIMENUE.

eff. of cold pressor test in hypertension, hemodynamic factors)

RUMANIA/General Problems of Pathology - Tumors. Tumor of Man.

U.

Abs Jour : Ref Thur - Biol., No 21, 1958, 98305

Author

: Ionescu, V. Stanicioiu, Ch.; Strimbeanu, I; Hertner, Alex

Inst

Title

: Adamantinoma and Follicular Cyst of Lower Jaw.

Orig Pub : Stomatologiya, 1956, 3, No 4, 359-361

Abstract

: No abstract.

Card 1/1

ARSENESCU, Gh.; CONSTANTINIU, I.; COMMEANU, M.; BITTMAN, E.; IOMESCU, V.

Studies of the effect of atropine on the nervous system. I. Effect of atropine on the excitability of the higher nervous centers and on neuro-muscular excitability in humans. Bul. stiint., sect. med. 8 no.4:919-936
Oot-Dec 56.

(ATROPINE, effects
on neuromusc. & higher nerv. center excitability, in humans)

(NERVE EMIDINOS, eff. of drugs on
atropine, on neuromusc. excitability)

(CREENEAL CONTEX, eff. of drugs on
atropine, on excitability of higher nerv. centers)

IONESCU, V., Dr.; THODORINI, Sanda, dr.; GHITA, M., dr.

Various anomalies of ventricular excitation with normal conduction time. Med.int., Bucur. 8 no. 5:763-769 Sept 56.

1. Institutul de fiziologie normala si patologica al Academiei R.P.R.

(KLECTROCARDIOGRAPHY anomalies of ventric. excitation with normal conduction time)

(VECTORCARDIOGRAPHY (SAME)

PARHON, C.I.; PITIS, Marcella; STANESCU, V.; SEGAL, Leiba; LONESCU, V.

Considerations on 12 cases of Cushing's syndrome occurring in childhood or adolescence, Rumanian M. Rev. 1 no.3:60-69 July-Sept 57.

(CUSHING SYNDROME, in inf. & child in child. & adolescents)

I onescu, V.

RUMANIA / Human and Animal Physiology (Normal and Patholo- T gical). Blood Circulation. Heart.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97489

Author: Arsenescu, Ch.; Voiculescu, A.; Constantiniu, I.; Ionescu, V.; Teodorini, S.; Mustata, N.

Inst : Not given

Title: Investigation of Effect of Certain Substances on Heart Muscle Through Study of Normal Electrocardiogram Changes of Frogs Heart in Situ Induced by Application of Substances on the Heart Apex

Orig Pub: Studii si cercetari fiziol. Acad. RPR, 1957, 2, No. 3-4, 373-405

Abstract: Changes of electrogram and monophase current of action of frogs heart in anode and cathode polari-

Card 1/3

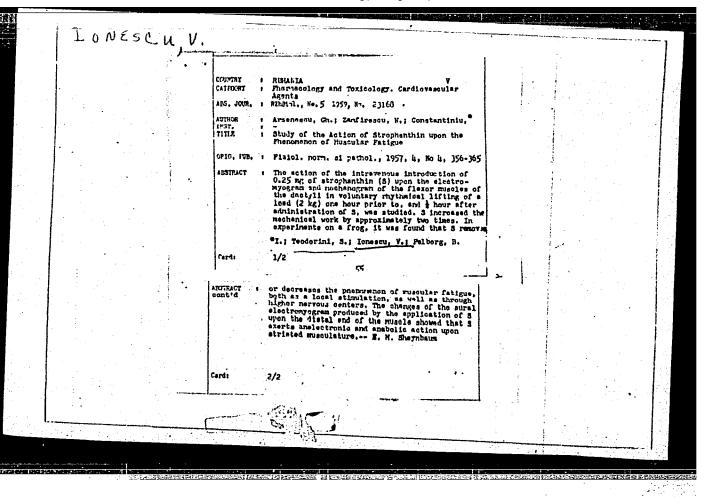
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005 RUMANIA / Human and Animal Physiology (Normal and Patholo- T gical). Blood Circulation. Heart.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97489

zation, as well as in local application or intravenous introduction of a number of substances in various doses are described. According to the changes, in the monophase current of action, induced by them, acetylcholine, veratrine, K, monoidoacetic acid and preparation 883 F may be regarded in usual doses as substances with catelectrotonic action, and adrenaline, O2, novocaine, strychnine, strophanthin, and Ca may be regarded as substances with anelectrotonic type of action. The authors point out that catelectrotonic and anelectrotonic substances induce changes of electrogram which bring it, according to pattern, ear to monophase current of action. Transition phases from the normal electrogram to the monophase are specific for cathelectrotonic or

Card 2/3.

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RUMANIA/Human and Animal Physiology. Neuromuscular Physiology

T-11

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65598

: Teodorini Sanda, Ionescu V.

Inst

Title

: The Normal Biphasic Electromyogram of Frog Skeletal Muscle.

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 5, 447-457

Abstract : Both the diphesic and the monophesic electromyograms of striated muscle are the result of fluctuations in the resultant integral electric fields of muscle dipoles. Evidence of this is seen in the unipolar recording of a biphasic electromyogram at any point on an intact muscle and the recording of electromyograms of the same form with both direct and indirect leads, demonstrating the existence of fields of the integral resultant dipoles during the activity of the intact or damaged muscle. An investigation was made of the conditions for the appearance of a monophasic current in the gastrocnemius and sartorius muscles, of the phasic fluctuations in the electromyogram depending upon stimula-

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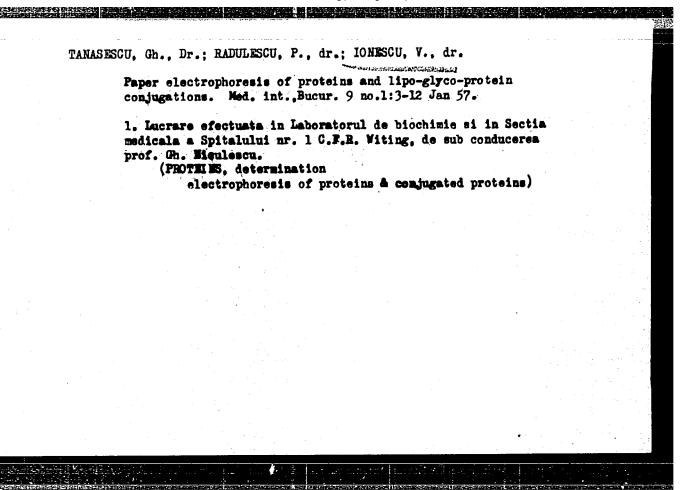
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Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65598

tion frequency and certain of the causes which could produce changes in the biphasic electromyogram.

Card : 2/2



NIGULESCU, Ch.; RADULESCU, P.; TANASESCU, Ch.; IONESCU, V.; BOBIC, D.

New investigations in therapy of diabetes mellitus (D-860 therapy).

Med. int., Bucur. 9 no.7:1002-1009 July 57.

1. Spitalul Unificat nr. 1 C.P.R. Witting.

(ANTIDIANETICS, ther. use
tolbutamide, results)

IONESCU, V.; LAZARESCU, R.

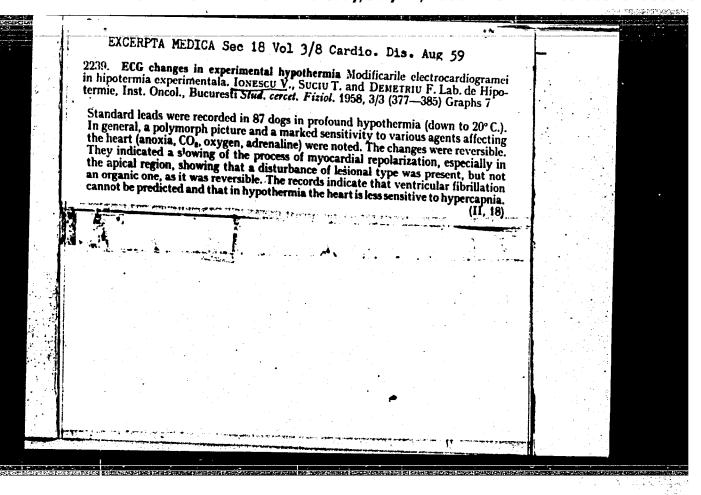
An unusual case of pararrhythmia. Med. int., Bucur. 9 no.7:1110-1113 July 57.

1. Institutul de fiziologie normala si patologica al Academiei R.P.R. Prof. D. Danielopolu.

(ARRHYTHMIA, case reports
pararrhythmia, unusual case)

ARSENESCU, Ch.; IONESCU, V.; TEODORINI, Sanda; FELBERG, B.

Studies related to the interpretation of unipolar thoracic leads of the CR, Cl and CF types. Med. int., Bucur. 9 no.9:1382-1390 Sept 57. (ELECTROCARDIOGRAPHY, Cf, Cl & CR leads, interpretation)



IONESCU, V.; TEODORINI, Sanda

Notes on the Wolff-Parkinson-Wwhite syndrome (W.P.W.)Med. int., Bucur. 10 no.4:629-635 Apr 58.

1. Institul de fiziologie normala si patologica, Bucuresti. (HEART BIOCK

Wolff-Parkinson-White synd., pathogen. & ECG aspects) (BLECTROCARDIOGRAPHY, in various dis. Wolff-Parkinson-White synd.)

IONESCU, Val., Dr.

Vectorial representation, the current stage in interpretation of electrocardiograms. Med. int., Bucur. 10 no.5:657-672 May 58.

l. Incrare efectuata in Institutul de fisiologie normala si patologica (Prof. dr D. Danielopolu" al Academiei R. P. R., director, prof. I. I. Bitescu.

(VECTORCARDIOGRAPHY

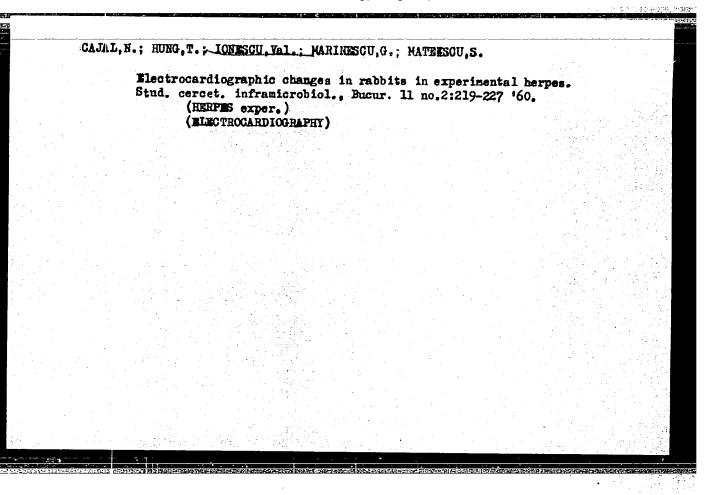
principles, vectorial theory & interpretation of electrocar-diograms)

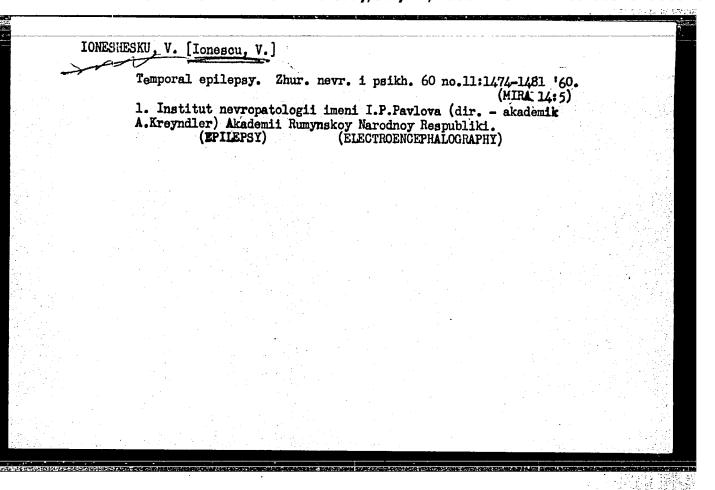
ARSENESCU, Gh.; <u>IONESCU. Val;</u> TEODORINI, Sanda; CANTACUZINO, D.; VRINCEANU,R.; ZLOTESCU, A.; VALEANU, Georgeta; AZIMIOARA, Yolanda.

Relations between the electric and mechnic systoles, as studied in normal individuals during physical effort; comparative statistical data on the Hegglin physiological and clinical syndromes. Studii cere fiziol 5 no.1:135-145 °60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr D.Danielopolu" al Academiei R.P.R. (EYE) (SHOCK THERAPY) (ACETYLCHOLINE)

(ATROPINE) (MILK)





IONESHESKU, V. [Ionesescu, V.]; SHOYMU, I. [Soimu, I.]; MAGDA, S.; FLORU, S.

Changes in the transaminase in the blood serum and cerebrospinal fluid in acute disorders of cerebral blood circulation. Nauch. trudy Inst. nevr. AMN SSSR no.1:307-313 '60.

(MIRA 15:7)

1. Institut nevrologii imeni Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest i Kafedra biokhimii Mediko-farmatsevti-cheskogo instituta.

(TRANSAMINASES) (CEREBROSPINAL FLUID) (CEREBROVASCULAR DISEASE)

IONESHESKU, V.[Ionesescu, V.]; SHOYMU, I.[Soimu, I.]; MAGDA, S.; FLORU, S.

Electrophoretic study of the changes in the blood serum in acute disorders of cerebral blood circulation. Nauch. trudy Inst. nevr. AMN SSSR no.1:322-328 160. (MIRA 15:7)

1. Institut nevrologii imeni Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest i kafedra biokhimii Mediko-farmatsevti-cheskogo instituta.

(ELECTROPHORESIS) (CEREBRAVASCULAR DISEASE)
(BLOOD_EXAMINATION)

ARSENESCU, Gh.; IONESCU, V.; TEODORINI, Sænda; VRINCEANU, R.; CANTACUZINO, D.; REPTA, V.; BOBIC, D.; VALEANU, Georgeta; AZIMIOARA, Yolanda

Studies of the adaptation of the cardiovascular system in engine drivers during summer months. Rumanian M Rev. no.1:65-73 Ja-Mr '61.

(CARDIOVASCUIAR SYSTEM physiology) (EXERTION physiology)

(INDUSTRIAL MEDICINE) (HEAT)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051871

GABRIELESCU, Elena; TEODORINI, Sanda; IONESCU, V.; BORDEIANU, Aurelia Histochemical changes of the carbohydrates in the superior cervical

ganglion during the phases of functional stimulation. Rev. sci. med. 5 no.3/4:153-156 '60.

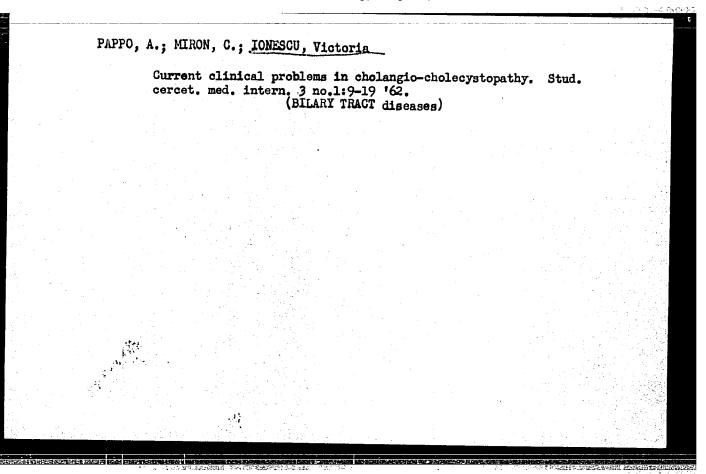
(GANGLIA AUTONOMIC chem.) (CAREOHYDRATES chem.)

(ELECTROPHYSIOLOGY exper.)

IONESCU, V., dr.

Fibrinolysis in the treatment of thrombosis. Med. intern. 13 no.10: 1365-1369 0 '61.

(THROMBOSIS therapy)
(FIBRINOLYSIN therapy)
(ANTICOAGULANTS therapy)



IONESESQU, V.; CHELCHIANU, G.; VOICU, A.

Dyssymergia cerebellaris myoclonica (Ramsay-Hurit syndrome). Rev.
sci. med. 7 no. 3/4:153-155 '62.
(CEREBELLAR DISEASES) (MYOCLONUS) (EPILEPSY)
(GENETICS, HUMAN)

MILCU, St. M., academician; STANESCU, V.; IQANITIU, D.; CIURDAREANU, I.; IONESCU, V.; POENARU, S.; MAXIMILIAN, C.

The Laurence-Moon-Biedl-Bardet syndrome: a familial case. Stud. cercet. endoor. 13 no.1:95-104 62.

(LAURENCE_MOON_BIEDL SYNDROME genetics)

STANESCU, V.; IONESCU, V.; FLOREA, I.; POENARU, S.

The diagnosis of incipient hyperthyroidism in children and adolescents. Stud. cercet. endoor: 14 no. 3:341-354 '63.

(HYPERTHYROIDISM) (THYROID FUNCTION TESTS)

(IODINE ISOTOPES, DIAGNOSTIC)

ARSENESCU, Gh.; IONESCU, Val.; TEODORINI, Sanda; VRINCEANU, R.; CANTACUZINO, D.; REPTA, V.; BOBIC, D.; VALEANU, Georgeta; AZIMOARA, Yolanda

Studies on the adaptation of the cardiovascular apparatus of locomotive engineers in summertime. Studii cerc fiziol 5 no. 4: 703-715 '60.

(1. Locomotive engineers 2. Cardiovascular system)

- Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. si Directia sanitara C.F.R.
- 2. Membru al Comitetului de redactie "Studii si cercetari de fiziologie" (forArsenescu).

NICOLAU, C.T., prof.; IONESCU, V., dr. TEITEL, P., dr.; POPESCU, Doina T., dr.; GHEORGHIU, Georgeta; ZAHARIA, Maria

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1. Lucrare efectuata in Centrul de hematologie (director: prof. C.T. Micolau, membru corespondent al Academiai Republicii

Populare Romine.

MILCU, Toana; NANU, Lydia; MARCEAN, Rodica; ICNESCU, Violeta

The effect of epiphysectomy on the metabolism of carbohydrates.

Studies with rats. Stud. cercet. endoor. 16 no.1:17-23 '65.

Determination of blood volume with the aid of radioisotopes. Fiziol. norm. pat. 10 no.5:385-393 S-0 '64. 1. Institutul de fiziologie normala si patologica "Dr. Danielopolu" al Academiei Republicii Populare Romine.

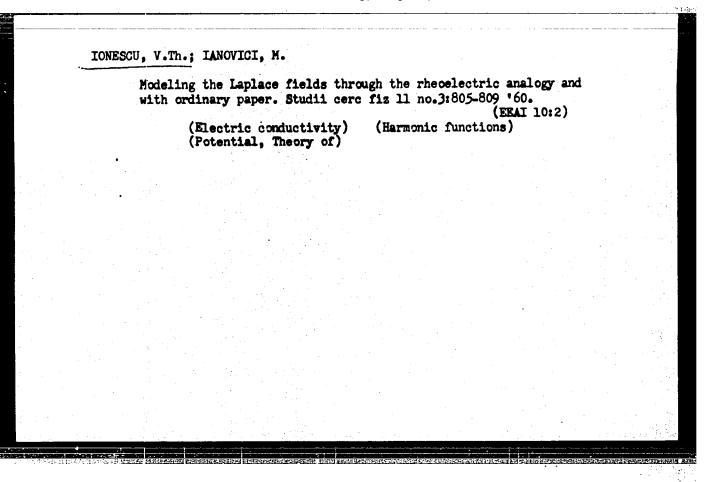
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ICNESCU, V.T., dr.; KONDI, V. dr.

Immunoelectrophorasis in Rustitki-Kahler disease. Med. intern. (Bucur.) 16 no.7:827-833 Jl. 64

1. Lucrare efectuata la Centrul de Hematologie al Ministerului Sanatatii si Prevederilor Sociale (director: prof. C.T.Nicolam).



ILIESCU, Florica L.; FADEI, Lidia; IONESCU, N.; IONESCU, V.T.

Culturing of malignant cells from human neoplastic ascites fluid.

Rumanian M Rev. No.3:13-16 '61.

(NEOPLASMS) (ASCITES) (TISSUE CULTURE)

IANOVICI, M.; IONESCU, V.Th.

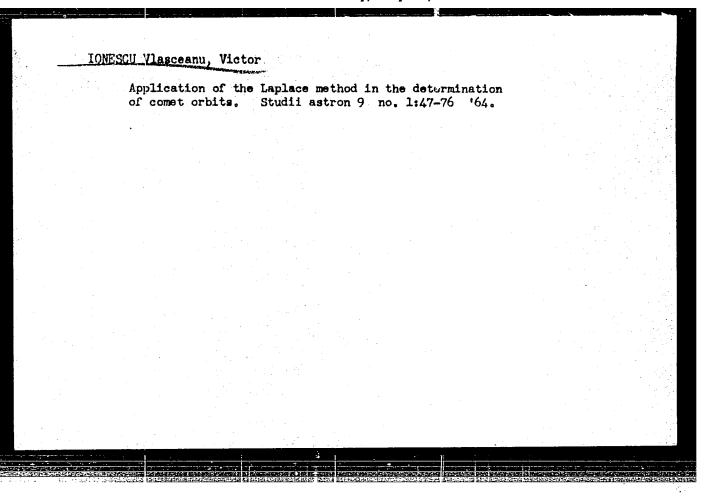
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1. Institute of Atomic Physics, Bucharest.

ILIESCU, C.C.; IANOVICI, M.; DUTESCU, N.; IONESCU, V. Th.

Eaboratory electromagnet for intense fields. Studii cerc fiz 14 no.1:57-72 *63.

1. Institutul de fizica atomica Bucuresti.



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Studii astron 9 no. 1193-95 '64.

IONESCU Vlasceanu, Victor Precise positions of small planets (1961). Studii astron 9 no. 1:147-158 '64. Precise positions of small planets (1959). Ibld.:159-160

EUSTEA, Maria, dr.; DABIJA, Vioriga, dr.; GHEORGHE, Ileana, dr.; IONESCU, E., dr.; IONESCU, Zenobia, dr.; LUNGU, Felicia, dr.; SALOMIN, Nadia, dr.; SAVIN, Valentina, dr.; STANESCU, I., dr.; STOICA, V., dr.; SERBAN, N., dr.; VISAN, Valeria, dr.

Our results in the treatment of complications of dental caries. Stomatologia (Bucur) 12 no.1:9-16 Ja-F'65.

1. Colectivul Serviciului de stomatologie al Spitalului unificat de adulti, Constanta.

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051871

RUMANIA/Optics - Optical Technology.

K-

: Ref Zhur Fizika, No 3, 1960, 6989

Author

Ionescu Zane N.

Inst

Title

: Production Control of Parts of Complicated Form with the

Aid of Ultrasound

Orig Pub : Rev. cailor ferate. 1959, 7, No 4, 290-203

Abstract

: No abstract.

Card 1/1

- 125 -

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005

HUMANIA

IONESCU-AMZA, G., MD.

Bucharest, Sanatatea, No 12, Dec 63, p 18

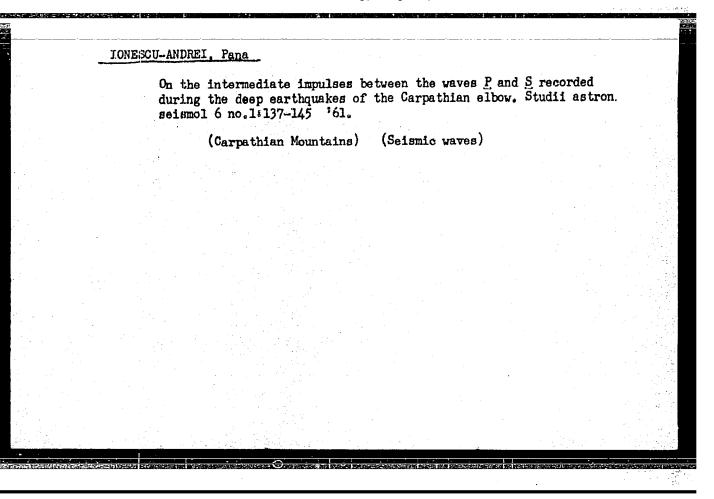
"Stenosis of the Mitral Valve."

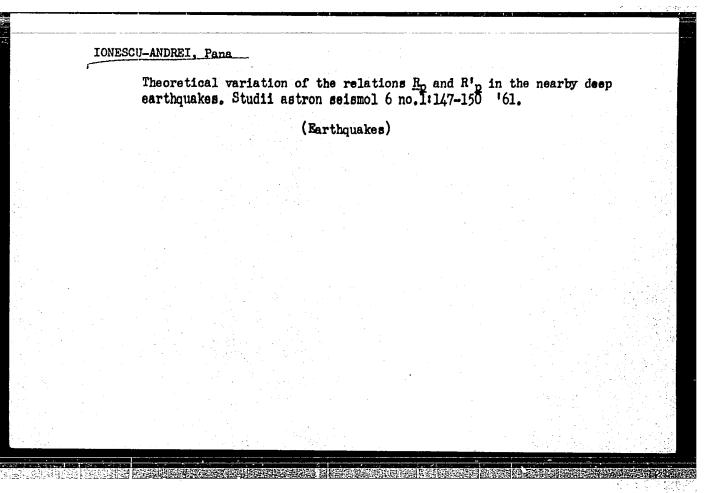
IONESCU-ANDREI, Pana
SURMANE (in caps); Given Names

Country: Rumania
Academic Degrees: -
Affiliation: -
Source: Bucharest, Comunicarile Academici Republicii Populare Romine,
No 5, 1961, pp 503-511.

Data: "Deep Seismic Focusy in the Area of Tara Birsei."

IONESCU-Andrei, Pana On the seismic centers of the Carpathian curve. Studii astron seismol 6 no.1:97-111 '61. (Carpathian Mountains) (Seismometry)





S/169/62/000/009/003/120 D228/D307

AUTHORS:

Petrescu, G., Radu, C. and Ionescu-Andrei, P.

TITLE:

Seismic activity on the territory of the RPR in 1959. Comments concerning the atmosphere and the crustal

structure near Vrancea

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 9, 1962, 7, abstract 9A25 (Studii și cercetări astron. și seismol., 6, no. 2, 1961, 247-258 (Rum.; summaries in Russ. and Fr.))

TEXT: The results of studying the earthquakes that occurred on the territory of the RPR are presented in the first part. The stronger earthquakes are examined. The crustal structure in Europe is defined. Certain judgments concerning the asthenosphere and the crustal structure in the vicinity of Focsan are expressed in the second part of the work. A value of 90 km was obtained for the asthenosphere's upper limit; this agrees with N. V. Shebalin's data (RZh-Geofiz, 1962, 6A106). The granite layer's depth is defined as 13 km.

Card 1/2

Seismic activity on	S/169/62/000/009/003/120 D228/D307
his value coincides well with the data of geologic investigations. I references. Z Abstracter's note: Complete translation7	
membres al Comite	telen de redoctie si
section de sersmon	tuliu de redoctie si ogiel, "Studie si mie si seismologie"
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S/169/62/000/010/030/071 D228/D307

AUTHORS:

Petrescu, G. and Ionescu-Andrei, P.

TITLE:

Suggested alterations to Standard STAS 2923-52 entitled "Construction standards. Macroseismicity

zones"

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 10, 1962, 30-31, abstract 10A196 (Studii și certări astron. și seismol., 6, no. 2, 1961, 259-267 (Rum.; summaries in Rus. and Fr.))

TEXT: On the basis of macroseismic observational data for carthquakes that have occurred on the territory of the RPR, and also of microseismic investigations of these earthquakes, the authors propose the introduction of improvements into the standard STAS 2923-52 so that it will correspond to modern requirements and reflect the macroseismic effects actually observed.

Abstracter's note: Complete translation

Card 1/1

S/169/62/000/002/015/072 D228/D301

AUTHOR:

Ionescu-Andrei, P.

TITLE:

Deep seismic focus at Zara Birsei

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1962, 13, abstract 2A100 (Comun. Acad. RPR, 11, no. 5, 1961, 503-

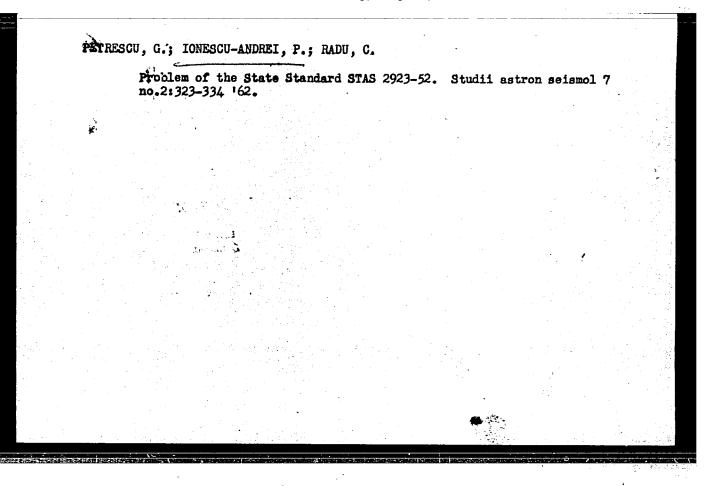
511)

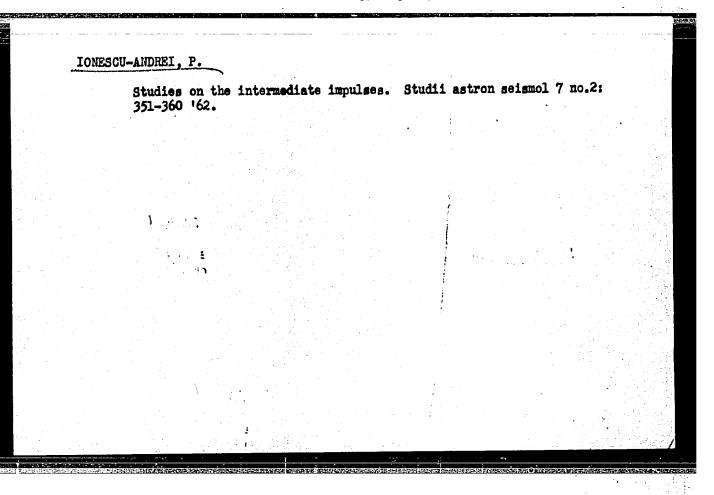
TEXT: The processing of the data of the earthquake of July 22, 1959, gave the following results: Epicentral coordinates -- h

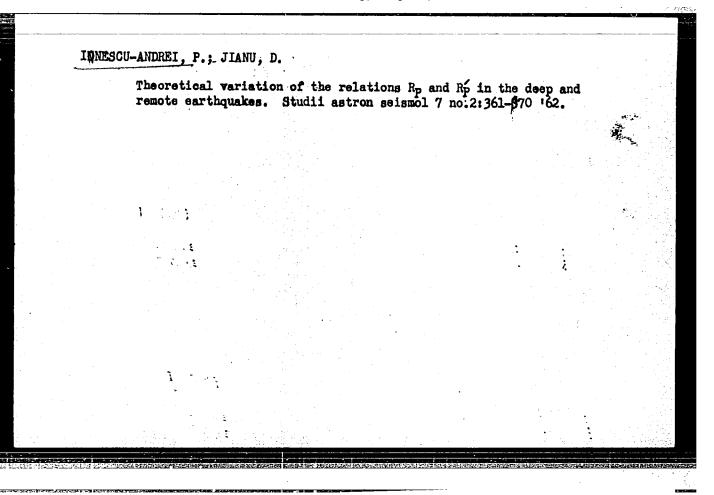
45.96°N, λ 25.92°E; focal depth 225 km; time at the focus 03°h

01^m 088.6; magnitude: 4. The epicenter fell on the concavity of the bend of the Carpathians, near Zara Birsei; no deep foci were previously known here. P-waves were not recorded. / Abstracter's note: Complete translation. 7

Card 1/1







RNESCU, D.; IONESCU-ANDREI, P.

Hature of faulting and stress pattern at the seismic focus in the vicinity of the Black Sea western coast. Problems geofis 2:87-102 63.

Ionescu-Berechet, A. - Organizational problems connected with agriculture construction.
p.92

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11

November 1955, Uncl.

IONESCU-BUJOR, C., prof. univ.

At the great celebration of the liberation of our country from the fascist yoke. Gas mat B' 13 no.8:449-450 Ag '62.

Investigation of respiratory function in mitral stenosis patients;
preliminary study. Bul stint., sect. med. 7 uo.4:1067-1085 Oct-Dec 55.

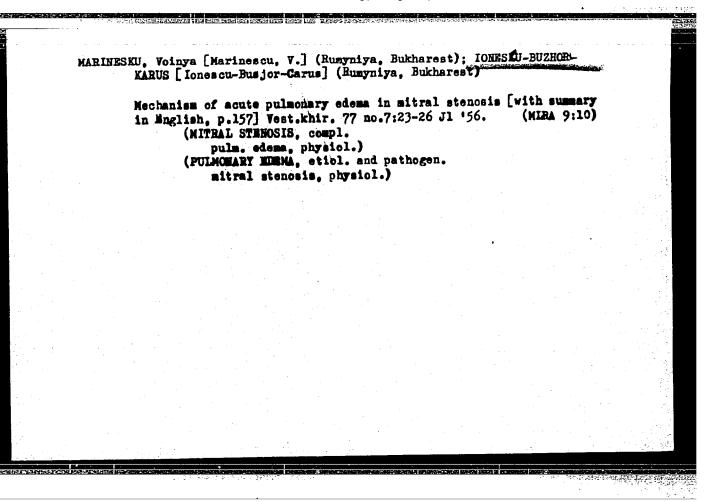
(MITRAL STMOSIS, physiology
resp., spirography)
(RESPIRATION, in various dis.
mitral stenosis, spirography)

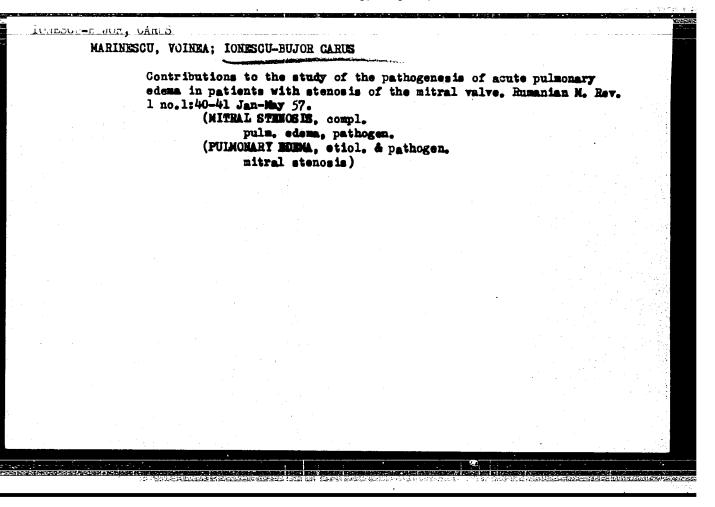
MARINESCU, Voinea, Conf.; BUJOR-CARUS, Ionescu, dr.

Mechanism of production of acute pulmonary edema in patients of mitral stenosis. Med. int., Bucur. 8 no.2:231-234 Apr-May 56.

(MITRAL STENOSIS, complications acute pulm. edema, mechanism of prod.)

(PULMOMARY EDEMA, etiol. & pathogen. mitral stenosis, mechanism of prod.)

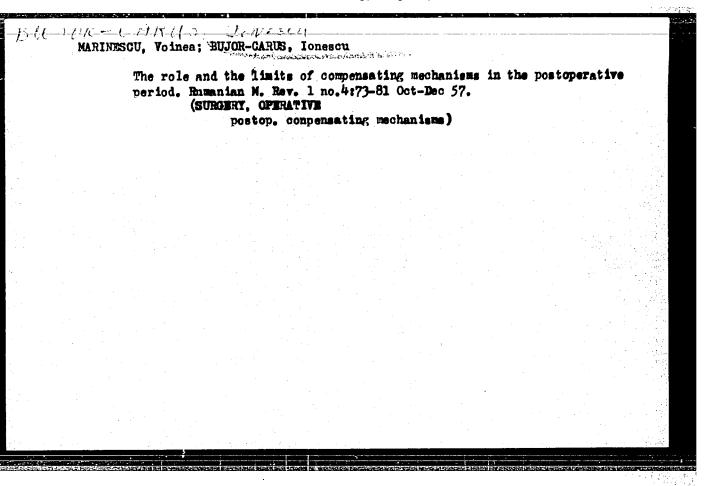




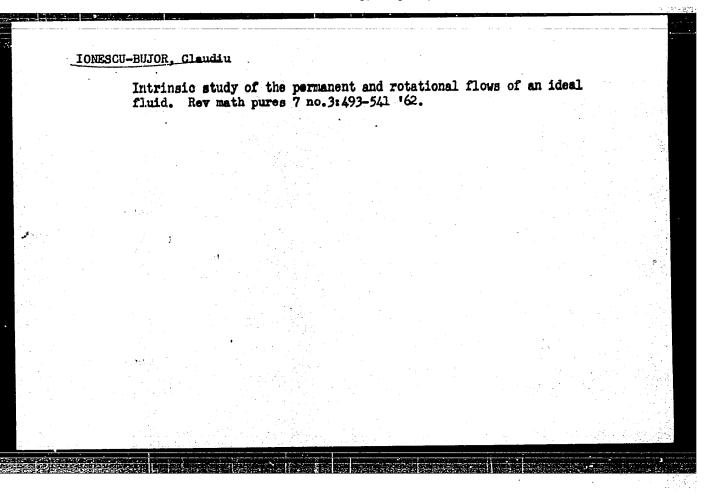
MARINESCU, VOINEA; C. IONESCU-BUJOR CARLS; MARCEL SELEANU

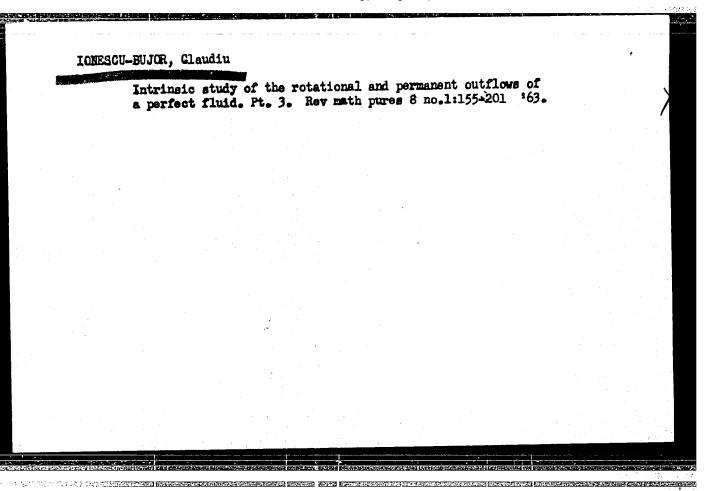
The ligature of the pulmonary artery; an effective means for the prevention of venous admixture in chronic pulmonary suppuration. Rusanian M. Rev. 1 no.2:78-83 Apr-June 57.

(IUMGS, abscess prev. of venous admixture by ligation of pulm. artery)



Intrinsic study of permanent and rotational flows of a perfect fluid. Bull math Rum 4 no.3/4:37-79:60.





IONESCU-BUJOR, Claudiu

Introduction to the intrinsic study of the class of permanent motions of perfect plasma in a stationary magnetic field. Studii cerc mec apl 14 no.3:537-557 '63.

IONESCU-BUJOR, Claudiu

Introduction to the intrinsic study of the class of steady motions of perfect plasma in a stationary magnetic field. New mec appl 9 no.4:797-817 '64.

IONESCU-BUJOR, C.

"Development of Instruction in Mathematics and Physics in Rumania", p. 360, Issued by the Rumenian Society of Mathematics and Physics. Monthly. (GAZETA MATEMATICA SI FIZICA. SERIA A., Vol. 6, No. 8/9, Aug./Sept. 1954.

SO: Monthly List of Eastern European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

IONESCU-BUJOR, C.

"Relationship between Scientific Creation in our country and in Russia and the USSR", p. 369, Issued monthly by the Rumanian Society of Mathematics and Physics. Monthly. (GAZETA MATEMATICA SI FIZICA. SERIA A., Vol. 6, No. 8/9, Aug./Sept. 1954.

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IONESCU-BUJOR, C.

60th anniversary of the founding of <u>Gaseta Patematica</u>. p. 485 GAZETA MATEMATICA SI FIZICA. SERIA A. Bucuresti. Vol. 7, no. 9, Sept. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, February 1956